



## DATA TRENDS, INC.

1259 Route 46 Parsippany, New Jersey 07054  
Tel. (201) 334-1515

20 April 1965

Mr. T. Nelson  
Systems Consultant  
P. O. Box 1546  
Poughkeepsie, New York 12603

Dear Mr. Nelson:

Thank you for the interest you have expressed in our Solid State Keyboard MIMO. We are happy to enclose the literature you requested.

A recent Datannouncement on our DTI 100 Universal Buffer is also enclosed for your information. The unique capability and flexibility of the DTI 100 allows up to 100 teletype line units to be served simultaneously. The Buffer can do much of the preprocessing of communications-oriented data, thus relieving the computer of this chore and thereby increasing computer utilization efficiency.

If you have any questions, or would like more technical information, please do not hesitate to contact me. I will be happy to supply information on any of our products or services.

Very truly yours,

A handwritten signature in blue ink, appearing to read 'Donald W. Spreen', with a long, sweeping horizontal line extending to the right.

Donald W. Spreen  
Director of Marketing

DWS:jag  
Enclosures

# DATA TRENDS, INC.

## A DATANNOUNCEMENT



### UNIVERSAL BUFFER

#### DTI 100

The Universal Buffer (DTI 100) is a message concentrating system that accepts information from up to one hundred standard telegraph data lines, or other data channels, and allows the associated user to share a common telephone data channel to a distant computer. All terminals, such as MIMOs or teletypewriters, may be operating simultaneously in a full duplex mode.

In addition to its basic functions of message assembly and disassembly, the DTI 100 also performs the tasks of code and format conversion, line identification, input-output timing, and communication line monitoring.

The telephone data channel interconnecting the DTI 100 with the computer may have a capability ranging from 1200 to 2400 bits per second, depending upon the expected traffic load. Communication is via the ASCII code, though other transmission codes are available. Error detection with retransmission of messages in error assures system reliability.

Standard leased telegraph or telephone data lines or Data-Phone services may be used to connect the terminals with the Buffer. In the event of communication line failure, the DTI 100 will transfer a Line Fault message to the computer for diagnostic print out.

The DTI 100 offers greater capability and flexibility at lower cost than previously announced Buffers. In summary, the DTI 100 is another in the family of Data Trends products which utilize the latest in engineering techniques and know-how to provide the most efficient and economical data communication systems.

FOR FURTHER INFORMATION, CONTACT . . .

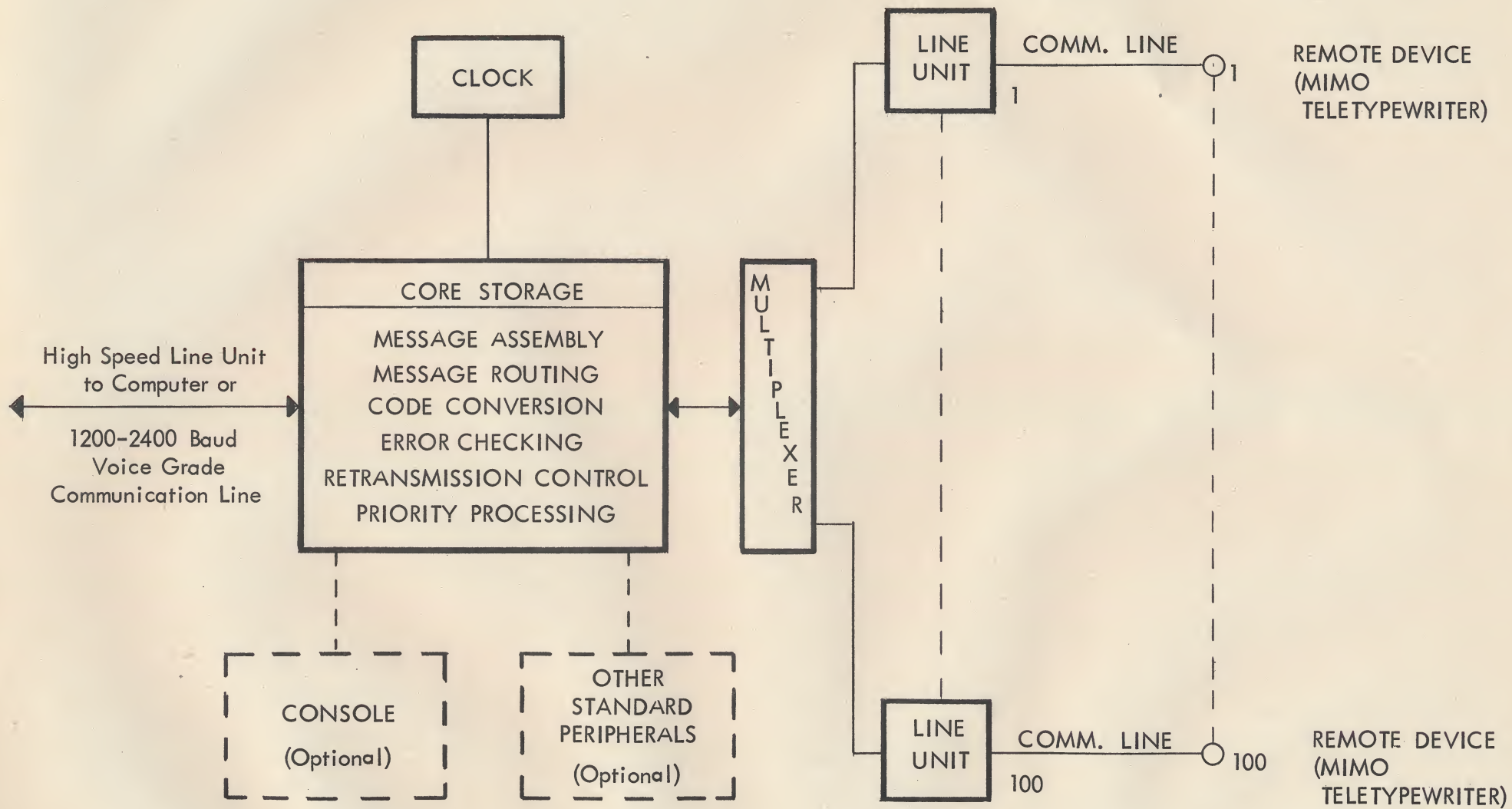
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DTI 100 UNIVERSAL BUFFER  
BLOCK DIAGRAM